Blake, Leslie

From: Keramida <keramida@keramida.com>
Sent: Wednesday, June 12, 2013 1:26 PM
To: Blake, Leslie; Petroff, Douglas; Hansen, Scott
Subject: Flexsteel
Attachments: SulTRAC Figure A-3.pdf

Dear Leslie, Doug and Scott

Thank you for your time yesterday. I appreciate rescheduling our call following my medical emergency on May 31st. As a follow up to our discussion, I wish to reiterate the need to:

1. Assess the groundwater contamination vertically to the depth of 140' at the Flexsteel/Dygert facilities, as you plan to do at other locations. In the proposed recent scope of work SulTRAC has only one VAS location at the 3507 Cooper Drive property (on the north side of the property) (VAS-GW34) and none at the 2503 Marina Drive property. Any previous in depth assessment in these properties by Roberts had never reached the 140' depth you are planning to achieve in you presently proposed VAS sampling in other locations. In fact, all past wells and borings in the Flexsteel/Dygert properties had a maximum depth of exploration of 40' except one, GW-23, which reached 59'. It is important to assess the presence of groundwater contamination vertically in these two properties to the same depth as you will assess in other locations, especially because the highest overall TCE contamination in the entire plume area starts at the SW corner of the 2503 Marina Drive site. While data from depths down to 140' are not necessary to establish Flexsteel as a source, they will be helpful in the design of the remedy. I have drawn on SulTRAC's Figure A-3 what I believe are three (3) locations where VAS are needed at the Flexsteel/Dygert properties. The already planned VAS-GW34 and VAS-GW30 locations north and south of these properties will complement the three (3) suggested new locations.

2. Look for explanations for the differences on surface conditions shown in various aerial photographs around the SW corner of the Flexsteel/Dygert building on 2503 Marina Drive, given that this is a documented area where solvents were knowingly discarded based on affidavits by past employees, as well as the area where the highest TCE groundwater contamination starts.

Both of the issues stated above are important, given that all data collected to date – IDEM 2008, Roberts 2011-2013, EPA 2011 – show the highest by far TCE contamination starts at the SW corner of the Flexsteel/Dygert property at Marina Drive and extents all the way to Lane Street. None of the three sets of data – IDEM, Roberts, EPA-deviates from the fact that TCE in groundwater starts to appear in really high concentrations at the SW corner of the 2503 Marina Drive site and extents at high levels to Lane Street's homes.

I want to thank you for your time and I am looking forward to your information.

Sincerely,

Vicky Keramida, Ph.D.
Chief Technical Officer & CEO

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Proposed vertical aquifer sampling (VAS) location

Site boundary

X VAS locations recommended by V. Karanida

LANE STREET GROUNDWATER CONTAMINATION SITE
ELKHART COUNTY, INDIANA

FIELD SAMPLING PLAN ADDENDUM

FIGURE A-3

PROPOSED VAS SAMPLING LOCATIONS

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ST SulTRAC